INTERACTIVE EDUCATION SYSTEM FOR TEACHING PATIENT CARE

Abstract

[0137] An interactive education system is described for teaching patient care to a user. In one example, the system includes a model of a human body, including lungs, a passage in fluid communication with the lungs, and a breathing valve for controlling the flow of fluid through the passage. The system also includes a pneumatic module for delivering pressurized fluid to the fluid passage. A processor may be used to control the breathing valve. A memory is accessible to the processor for storing instructions for execution by the processor, including instructions for manipulating the breathing valve to regulate the flow of pressurized fluid from the pneumatic module to the lungs. The processor may also produce various physiological indicators, including waveforms, a pulse, etc. The indicators may be prerecorded or dynamically generated. An external device may be used to wirelessly control the processor.